

Fall 2008  
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## Extending the Useful Life of Mature Trees: A Perspective from the United Kingdom

*by Colin Bashford*

*ISA Vice President*

*This paper was submitted by Colin Bashford as a handout to accompany his presentation at the Western Chapter ISA Annual Conference in San Jose, CA on May 1-5, 2008*

I have no doubt that much of what I will say will cause a considerable amount of dis-sention with US based Arborists, if not creating a series of waves of shock and horror. My opinions and views expressed are however based on the current trend for tree work that is being increasingly carried out in the United Kingdom and is a trend that affects mainly very mature to over mature trees in many, but not all, environmental conditions.

Although some mention of Veteran trees and 'veteranisation' needs to be included, I must make it clear that I do not subscribe to the latter action, which in most instances I see as an operation to intentionally cause harm and un-necessary damage to otherwise sound and healthy trees.

In the UK we have moved away from work that is essentially the beautification and reconstructive forms of tree surgery. The work undertaken in this manner was previously leaving heavily manicured and 'engineered' trees that as elements in particularly local landscapes and trees-capes, required frequent monitoring and repetitive treatments, not unlike those of our women folk who are fanatical with face lifts, nip and tucks etc and are apparently determined to enable plastic surgeons to become and remain some of the highest paid in the medical profession.

It is I suggest the same with those of us in the tree contractor and arboricultural profession who will continue to spend clients money, not on remedial or restorative tree works, but on superfluous work that attempts to maintain a set level of visual or aesthetic value of the trees, but which in reality does and can do nothing to slow down or prevent their inevitable move into decline and ultimate demise.

What are we doing to our trees, to our environment and, in particular to the habitats that they should be providing by this process? This manicuring work on trees surely can only be intended as maintaining their status quo, their appearance and their safety. Such actions however create artificial cordons sanitaire and sterile areas, almost devoid of all ecological value and benefit, and do little for their safety.

What is wrong with growing old gracefully and recognising both as humans and in respect of trees; that age can bring many additional benefits? Ageing is inevitable and I am delighted to

# A Message From the President

*Joyce Kilmer's poem begins...*

"I think that I shall never see a poem lovely as a tree"; it goes on from there.



Trees can be very personal to people. People name them, plant them

in honor of someone and become very close to their favorite tree. If you have heard it once, you have heard it again and again "Please help my tree it's been in my family for years."

What is the value of a tree?

Trees cool the air, reduce pollution, absorb storm-water runoff and increase the value of our homes. They provide timber, food, and become habitats for wildlife. So the next remark I would make would be "money does grow on trees"...

How do we determine the value? What criteria do we use? There are several acceptable methods of tree valuation. One of them uses four factors: S, S, C and L (Size, Species, Condition and Location).

1. Size. Measure the tree, both in height and trunk diameter. Include the branch spread and bark thickness.
2. Species. Some species are more desirable than others. Some are less prone to pests and diseases; others are more appropriate in a setting that has specific limitations.
3. Condition. Determine a tree's structure, integrity and overall health. In other words, look at it from "soup to nuts!" Examine roots, branches, foliage, damage and environment.
4. Location, location, location.

The placement of a tree contributes functional and aesthetic values to a property.

Another valuation method uses two factors in valuing a tree: the cost of transplanting the largest available tree of the same or comparable species normally found in local nurseries; and the increase in value due to the larger size of the tree being appraised compared to the size of the replacement tree.

More and more cities have come to realize the benefits of a sustainable tree canopy. They typically plant non-invasive tree species and plant trees that are drought tolerant. It isn't easy

being green but with proper planning and proper planting, the efforts put forth by our urban communities provide long-term benefits and value to their residents.

Education is the key, and you are the teachers! Hold educational events in your city. Work hard to educate the community about the care of newly planted trees. We can provide hope for the future of tree canopies for generations to come.

It begins with all of us! Keep doing the right thing! Keep moving forward!

Keep cool everyone.  
Mary Edwards

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# **In the News**

## **IRS increases mileage rates for 2008**

The IRS boosted its optional standard mileage rate to 58.5 cents a mile for all business miles driven from July 1, 2008, through Dec. 31, 2008. IRS officials amended the 2008 rates because of gas price increases. The IRS typically updates the mileage rates once a year in the fall for the next calendar year. The optional business standard mileage rate is used to compute the deductible costs of operating an automobile for business use in lieu of tracking actual costs. This rate is also used as a benchmark by the federal government and many businesses to reimburse their employees for mileage.

## **Plant donations can earn tax deduction**

Instead of selling overstocks for pennies on the dollar or heaving them to the compost pile, consider donating them. The Nat'l. Assoc. for the Exchange of Industrial Resources (NAEIR) can help growers flesh out the details of donations. NAEIR accepts new, overstock merchandise and provides the proper tax documentation. Donations are redistributed to more than 13,000 qualified schools and nonprofit organizations nationwide. The IRS code says that regular (C) corporations may deduct the cost of the inventory donated, plus half the difference between cost and fair market value, according to NAEIR spokeswoman Emily Collins. Deductions may be up to twice cost. S corporations, partnerships and sole proprietorships qualify for a straight cost deduction, she said. Under IRS regulations, donated merchandise may not be bartered, traded or sold. Charities or schools may not auction or sell donated merchandise to raise cash, she said. The donor company is responsible for the shipping cost, but it's also tax deductible. NMPRO

## **Phytoplasma kills Florida sabal palms**

A substantial number of Sabal palmetto (cabbage palm or sabal palm) in Manatee and Hillsborough counties are dying of the phytoplasma that causes Texas Phoenix palm decline, according to preliminary reports from Univ. of Fla. plant pathologists. Other palm hosts for this particular phytoplasma are Phoenix canariensis, P. dactylifera, P.

syvestris and Syagrus romanzoffiana. Based on limited observations so far, making a field diagnosis of the disease on cabbage palms is difficult, especially on over-trimmed palms in the landscape. The first clue is more dead lower leaves in the canopy than normal due solely to natural senescence or nutrient deficiencies. The second clue is death of the spear leaf prior to death of all other leaves in the canopy. Eventually, the palm canopy will collapse around the trunk as the bud decays. Currently, the insect vector of the phytoplasma is unknown, which limits management options.

## **Hurricane season longer, big storms come sooner**

Hurricane seasons are arriving early and hanging around longer, and the big storms are forming earlier, climate scientists say. Plus, the area of warm water able to support hurricanes is growing larger over time. The Atlantic Ocean is becoming more hurricane friendly, and the shift is likely due to global warming. "There has been an increase in the seasonal length over the last century," Jay Gullede, sr. scientist with the Pew Center on Global Climate Change, said. "It's pretty striking." A study Gullede co-authored with other climate scientists found a 5-day increase in season length per decade since 1915. The first hurricane of this season, Hurricane Bertha, formed on July 1, reaching hurricane strength on July 7, relatively early in the season for a major storm.

## **New spray increases plant cold tolerance**

Freeze-Pruf, a spray developed by Univ. of Ala. and Miami Univ. in Ohio, can improve plants' cold tolerance between 2.2F and 9.4F, depending on species. Freeze-Pruf works to below zero Fahrenheit, depending on the plant. It's been studied on bananas, tropical foliage, palms and citrus. It protects both the foliage and the flower, said co-developer David Francko, botany professor at Univ. of Ala. The product is not yet commercially available, but the developers filed for a patent earlier this year. "It's nontoxic, it's cheap, and the idea is to apply it once per season," he said. NMPRO

*In the News continued on page 11*

*UK Perspective on Mature Trees from page 1*

know and recognise so many wonderful friends in the 'older generation' and even more so, such beautiful older ladies who are content and comfortable with their age, charm and experience.

We all look with amazement at, and indeed eulogise over, the old tree specimens that we come across whilst undertaking our work. Why then try to prevent and restrict the next generation of veteran trees being acknowledged, or to slow down their ageing process?

It is my robust opinion that we should recognise the process of the ageing of trees and assist their natural regression and retrenchment into and through their old age, rather than trying to prevent it. Arboriculturally age should be a thing of beauty and wonderment, not one that causes curiosity as to how it has been tied up, held together, propped, braced and manicured.

So how has the current UK, concept of treatment come about and what do I hope to be able to demonstrate in the grounds of San Jose State University.

In many areas of the UK local municipal officers with a responsibility for trees, are either poorly or inadequately qualified and therefore do not understand or simply do not care about the manner in which they treat trees within the Municipal ownership. The public, generally even less qualified, then copy the treatment that they see in public areas, with the consequence, that bad and often un-necessary tree work abounds and is apparently tolerated. This approach is further affected by the increasing litigious nature of our society and much work, time and inevitably money is, in my opinion, misspent on works perceived to prevent trees creating a hazard. In a misconceived effort to show a care of our environment that is to be judged on the number of trees that are retained, there are innumerable examples of over the top lopping/pruning, bracing, propping and excessive removal of every piece of dead wood.

In southern England, where there is a greater level of disposable income, there is still far too much money being spent on un-necessary and inappropriate works to trees, but also a greater awareness on the value of proactive tree works and in particular, on the approach to treatment of the older trees that are inevitably regressing and retrenching in their old age (see photo 1). Here, it is being recognised that it is natural for trees to take action in order to seek their own self preservation. They will shed excessive unwanted weight and reduce

the levels of wind loading, whilst at the same time producing reaction wood to enable support where it is required.



*Photo 1 - Natural retrenchment*

They do this to perfection, without the aid of man, and it is only where the trees are in close proximity to man and his built environment that we should undertake work to assist them into old age, and mitigate any perceived risk that they might present.

In California, which is undoubtedly per capita probably one of the richest areas in the world, there is clearly and rightly so, a vast sum of monies spent on trees and the treescape. I dare to venture to suggest that a great deal of that money is however wrongly spent. Far too often I perceive that American tree owners and their arboricultural advisors are reactive rather than being proactive and that in fear of litigation, both are cautious and undertake work that I see as over the top in order to 'protect their butts'.

Take the simple action of 'propping' which is advised in order to support a leaning tree, or more often, a long isolated low lateral branch. What does the propping achieve? Does it secure the long term retention of the propped branch? No it does not. It actually prevents the natural reaction of the tree to create reaction wood that might be used to support the elements of the branch that the tree considers should be kept, or alternatively, it prevents the natural regression of the branch down to ground level, where it could effectively 'layer' itself, and thus ensure the continuation of the tree for the benefit of both this and future generations. If the branch, in doing what is natural, fractures in part or sustains a lateral

split in the branch; is this a disaster? No, it creates an ongoing habitat for so many species.

Instead of propping this oak (photo 2) which is sited in an amenity woodland with open public access, it would have been more appropriate to re-locate the adjacent footpaths to the outside edge of the canopy branch spread. This would mitigate any hazard risk and allow the tree to retrench naturally.

It is also a fact that in the UK we have found that the vast number of propped branches, given the abnormal mechanical forces created, without warning actually fracture at or close to the point of propping. Why therefore delay the inevitable fact that the branches will either fracture or regress down to ground level. Consideration might therefore be given to assisting the 'goal' of the tree, whilst also making it safe.



*Photo 2 - Propped oak*

Gosh this Yew below (photo 3) is an awful tree and for what purpose? The tree already has the form of a new retrenched canopy and those 'angular' branches must be at increased risk of fracture at the point of their propping.



*Photo 3 - Yew*

In many cases with older trees, it becomes obvious in their canopies as to the next point of retrenchment as indicated on the following photograph, which shows three stages of retrenchment.

You will all have seen the situation whereby the top or outer sections of a tree's canopy dies back, leaving it sparse and open to fracture and failure. At the same time, when viewed from a distance, you will be able to see the next canopy outline further down, and into the centre of the tree the point it is retrenching towards (photo 4). Don't therefore attempt to prevent those top or outer canopy areas from breaking out, but rather reduce the tree back down to the next canopy level, thus assisting it to its natural regression.



*Photo 4 - Canopy outlines*

The next photograph clearly indicates the natural growth pattern of a tree in its later stages of life as it regresses and retrenches down, shedding branches and reducing its canopy as an act of self preservation.

Photo 5 shows natural die-back and the creation of major deadwood in the canopy, in a setting where this is most unlikely to cause a hazard risk.



*Photo 5 - Retrenchment*

*UK Perspective on Mature Trees from page 5*

Removal of Dead wood and canopy clearout.

It is a fallacy to suggest that there is a need to remove every last piece of dead wood from trees in order to make them safe. In our Royal Parks, where there have been a couple of serious injuries or deaths occasioned by a ‘do nothing and leave it all to nature policy’, staff now, being first properly and adequately supported in a tree with dead wood, jump up and down on major dead branches. The dead wood that fractures off is that which would have soon fallen and likely caused an accident; whereas that which remains is sound and not likely to break off. Similarly, dead branches are pulled with the aid of a throw line to determine which are safe to leave.

Where safety is of paramount importance and the target rating high then there may be no alternative, but to consider felling. Even in this scenario, I ask that if there needs to be a more than 50% reduction of the tree that it might be considered to be retained as a monolith. The aesthetics of such monoliths can be greatly improved by the carving of part of the trunk, (photo 6) but still retaining the greater part for ecological benefit.



*Photo 6*

The above beautiful carvings have been made by an old colleague who now takes instructions worldwide. The top left photograph is in Chicago and the bottom left here in California. His contact details are:

**Paul Sivell**

Dougal’s End, Institute Hill,  
Niton, Isle of Wight. England PO38 2BA  
Tel: 01983 731217. Mob: 07870586988.  
Email: [thecarvedtree@aol.com](mailto:thecarvedtree@aol.com)

There has been much discussion in the UK and indeed on international arboricultural forums as to the benefits and aesthetics of the practice known as ‘Coronet Cuts’ ( photo 7). It is accepted that this not the easiest of techniques to be undertaken at height from a harness.



*Photo 7 - A ‘coronet’ cut practiced at ground level.*

It seems to be a situation where you either love them or hate them. My opinion is that they can be attractive if carried out in the right manner and of ecological benefit.

In photo 8, compare straight, clean cuts and coronet cuts in the same tree. The coronet cuts had ‘matured’ and were already providing symptoms of colonisation by lichens and invertebrates. The clean straight cut showed no symptoms of any reaction.



*Photo 8 - Coronet cut vs straight cut*

This tree (photo 9) has been topped or severely reduced in what is perceived as a standard practice. It is understood that the ‘monolith’ will remain until some

time that the owner can afford to complete the fell or it collapses.



Photo 9 - Severely topped tree

It is my robust opinion that dependent on each situation, we should be taking action to assist trees into their later life, rather than seeking to preserve their current age and condition and thus slowing down their natural regression and retrenchment. I see that it is only in this manner that a catastrophic collapse of the tree will be avoided and they can be aided into true veteran status.

Such a veteran tree as shown (photo 10) is a thing of beauty, a magnificent habitat and truly a monarch of the landscape and of unbounded amazement.



Photo 10 - Veteran tree

Finally, it has been my intention to hopefully be controversial as well as providing information on methods now being undertaken in the UK. It goes without saying, however that I wish no insult to my numerous American friends and, in particular, the Western Chapter who have

so kindly asked that I speak at your Annual Conference. I hope however, to have stimulated some response in your mind and maybe some questions of perhaps your current practices.

I am indebted to Julian Forbes Laird, Paul Sivell and the contributors of arbtalk.co.uk for additional photographs.



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## Membership Committee

### Report

by David Reilly, Vice President

Not being a word smith, I used to have a hard time writing these articles; however so many good things are happening with the Florida Chapter that the articles almost write themselves. As members you should be extremely proud that the Chapter has been chosen out of 37 Chapters to receive ISA's "Special Projects" award. We received the award at the 84th annual ISA Conference and Trade Show in St. Louis. We were chosen for the "Trees Are Cool" license plate project and the "Trees Are Cool" public outreach web site. Congratulations to Don Winsett as the license plate committee chair along with all of the committee members for their hard work on both the plate and web site. As a side note, we have sold nearly 800 license plates as of May. Consider getting one yourself!

The Florida Chapter Board of Directors also voted unanimously not to raise the Florida Chapter annual membership dues. This is the third straight year without an increase. To put this in perspective, there are only two other U.S. chapters with dues of \$30. There are four at \$35, seven at \$40, one at \$45, three at \$50, one at \$65 and one at \$75. We have been able to keep our dues affordable because of membership participation in the many other Chapter opportunities that are offered throughout the year.

Another endeavor that chapter members can be proud of is the John White Scholarship Fund. We will be offering two \$500 scholarships this year. This scholarship is open to full time students in arboriculture or closely related field of study. The application form will be posted on the Florida Chapter website. This is a big step in accomplishing one of the goals set forth in the Florida Chapter's Strategic Plan; by supporting today's students we ensure continuing leadership in the arboriculture industry. There are also Municipal Specialist Scholarships available from the International office for Municipal certification.

Want more details? Links to further information regarding the license plate, scholarships, and any of our future events can be found at [www.floridaisa.org](http://www.floridaisa.org).

I also encourage you to check the "Trees are Cool" web site. The Public Service Announcements produced jointly with the Florida Urban Forestry Council are completed. You can download them for local use. Please help us spread the word about the benefits and care of trees.

And lastly, there are several positions opening on the Board of Directors; they are Vice President, Secretary, Grower Representative and Commercial Arborist Representative. If you are interested in running for a position or would like to nominate a member, contact Rick Joyce or Norm Easey at [floridaisa@comcast.net](mailto:floridaisa@comcast.net). ■

### **Introducing Florida e-Tree News...**

The Florida Chapter launched the debut issue of its new monthly email newsletter called e-Tree News in early August. It will provide a brief listing of Chapter and International news and current events with convenient links to pertinent websites. We welcome your feedback on this newest service for our members, certified arborists and allied associates.

Look for it in your inbox at the beginning of each month. If you would like to be added to our email list, please contact us. 941-342-0153 or [floridaisa@comcast.net](mailto:floridaisa@comcast.net)





# Featured Florida Chapter Member

By David Reilly, Vice President

We are proud of our Florida Chapter members and know many of you enjoy the fellowship with other members. We have composed a short questionnaire that gives some of Florida's veteran arborists a chance to share their insights and experience in the field of arboriculture. Enjoy and learn from others; one day you might just meet one of our featured members in person at a class or conference!

## Featured Member - James A. Weaver

1. What is the name of your company/where do you work?

J.A. Weaver's 'JAWS' Tree Service, Inc.  
Tampa Bay area

2. How long have you been in the arboricultural industry?

Twenty one years (since 1987).

3. What value do you see in an arborist becoming certified?

Certification qualifies you to do proper tree care and validates your knowledge to the public.

4. Describe your most satisfying arboricultural project.

My most satisfying project would be hard to pin down. There have been so many "fun ones". If I have to select, I would say that my favorite projects are those where I am working with the consulting arborists. Projects like those are great because I know that the principal parties involved are committed to providing complete tree care before, during, and after the project.

5. What advice would you give to an arborist new to the business?

You must love the work. Know your business, be ethical and the rest will come to you.



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| <b>B</b><br><b>Xylect</b> <sup>®</sup><br>and/or Bifenthrin<br>Attacks weak, stressed trees. Mutch, irrigate, and promote health to prevent this pest.             | <b>G</b><br>Spinosad<br>Acephate<br>Spray at early instar stage. Broad programs often use <i>Bacillus thuringiensis</i> .                              |
| <b>C</b><br><b>VERDUR</b> <sup>®</sup><br>Macro-intruse in fall for multi-year green up. Combine with soil decompaction, fertilization                             | <b>H</b><br><b>Xylect</b> <sup>®</sup><br>Apply soil applications >60 days prior to fall feedings. Re-treat when suppression falters.                  |
| <b>D</b><br><b>Arbotect</b> <sup>®</sup><br>Macro-intruse to protect for 2 to 3 seasons. Does not stop root graft infection.                                       | <b>I</b><br><b>Cambistat</b> <sup>®</sup><br>Air Tools<br>Air tools decompact soil. Blend in organic matter and mulch over the top.                    |
| <b>E</b><br><b>Xylect</b> <sup>®</sup><br>and/or Bifenthrin<br>Annual preventive applications work best. Highly infested trees may be difficult to save.           | <b>J</b><br><b>Xylect</b> <sup>®</sup><br>and/or Bifenthrin<br>Adults feed midsummer, grubs feed on roots until October.                               |
| <b>K</b><br>Fertilizer<br>Essential element and macronutrient.   | <b>L</b><br>Spinosad<br>Acephate<br>Foliar spray works best for early instar caterpillar stages.   |
| <b>M</b><br><b>Arachnate</b> <sup>®</sup><br><b>LUCID</b> <sup>®</sup><br>Micro-intrusion with M3 Infruser or foliar applications combined with horticultural oil. | <b>N</b><br>Chlorothalonil<br>Requires two applications: one at 1/2 candle extension and one at full extension.  |
| <b>O</b><br><b>Alamo</b> <sup>®</sup><br>Prict healthy oaks with root graft distance of infected trees. Save infected white and bur oaks.                          | <b>P</b><br><b>Pinetect</b> <sup>®</sup><br>Treat preventively every other year prior to May 1.  |
| <b>Q</b><br>Cultural Practices<br>Caused by a complex interaction of biotic and abiotic stresses.  | <b>R</b><br>Chlorothalonil<br>Requires multiple years of treatment and cultural practices.   |
| <b>S</b><br><b>Arbotect</b> <sup>®</sup><br>Macro-intrusion suppresses symptoms for 3 seasons.   | <b>T</b><br><b>Xylect</b> <sup>®</sup><br>and/or Bifenthrin<br>Attacks weak, stressed trees. Mutch, irrigate, and promote health to prevent this pest. |
| <b>U</b><br><b>Cambistat</b> <sup>®</sup><br>ISA Arborist<br>Everyone should call an arborist to care for their ailing urban trees.                                | <b>V</b><br>No Known Cure<br>Delay symptoms by proper pruning, watering, and fertilization. Rainbow is testing treatments.                             |
| <b>W</b><br><b>Xylect</b> <sup>®</sup><br>Fall application provides control next season.   | <b>X</b><br><b>BACASTAT</b> <sup>®</sup><br>Annual application of Bacastat suppresses symptoms of bacterial leaf scorch.                               |
| <b>Y</b><br>No Known Cure<br>Difficult to identify. Set low expectations with homeowner.   | <b>Z</b><br>Bifenthrin<br>Apply to trunk and main branches in spring and again midsummer.  |

**Application Method**

1 Foliar Spray  
 2 Soil Applied  
 3 Tree Injection

**highlighted number represents recommended method**

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**Product Solution**

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## In the News, continued

*In the News continued from page 3*

### Glyphosate misuse can lead to split bark on woodies

Glyphosate products like Roundup may also damage woody plants. Hannah Mathers, Ohio St. Univ. Ext. nursery and landscape specialist, said glyphosate applied improperly or in too high of a dosage is causing a phenomenon known as split bark. Through the tree's uptake, the chemical deteriorates the bark structure and destroying the winter hardiness of the plant. The cosmetic damage makes the plant unsalable. Mathers is teaming with Monsanto to develop a safer glyphosate product. Mathers said that until safer glyphosate products are developed, a change in weed management practices is required to control split bark. "When glyphosate use is necessary, use a glyphosate product around woody plants that has no adjuvant load," Mathers said. "Products that have a full adjuvant load are the worst around ornamental plants because of the increased potential for uptake of the glyphosate by the surfactant into the bark." NMPRO

### Researchers find nearly constant leaf temperature

The temperature inside a healthy, photosynthesizing tree leaf is affected less by outside environmental temperatures than originally believed, according to new research from biologists at Univ. of Pa. Surveying 39 tree species from subtropical to boreal climates, researchers found a nearly constant temperature in tree leaves. The research suggests trees use a combination of purely physical phenomena — like the cooling from water evaporation or the warming caused by packing a lot of leaves together — to maintain what looks like leaf-temperature homeostasis, said Brent Helliker, Univ. of Pa. biology professor. This homeostasis of leaf temperature means that in colder climates leaf temperatures are elevated and in warmer climates tree leaves cool to reach optimal conditions for photosynthesis. Therefore, methods that assume leaf temperature is fixed to ambient air require new consideration, he said.

### Officials find emerald ash borer in Wisconsin

Wisconsin officials announced the 1st confirmed occurrence of emerald ash borer (EAB) in the state. The discovery was made by forest health specialists investigating a citizen report

of dying ash trees in a private woodlot in Ozaukee County, near the Village of Newburg. "We expected to find EAB in Wisconsin sooner or later, but this is still disappointing," said Dept. of Ag., Trade and Consumer Protection secretary Rod Nilsestuen. "We now have a revised plan that outlines several management alternatives. Our focus now is to find out exactly what we're up against." Since the infestation site is near Washington County, it's likely that both Ozaukee and Washington counties will be quarantined. Additional counties may be included. NMPRO

### Wasps could help eradicate emerald ash borer

Purdue Univ. researchers began to release 200 wasps imported from China as a test to eradicate emerald ash borer (EAB) southwest of Fort Wayne, Ind. The wasps have proven effective elsewhere. "In China, these wasp species reduced populations by 74% in ash trees that are native to North America," Purdue entomology prof. Cliff Sadof told Indianapolis Star. The wasps lay their eggs into the eggs of the beetle. As the wasps develop, they eventually kill the ash borer eggs. Researchers will test 2 other wasp species this summer in the same location. "Our study will determine whether the wasps are able to establish a population, overwinter and effectively control ash borer," Sadof said. He said it could take years for the wasps to become established in the state and to multiply in adequate numbers to significantly control EAB. Mich. St. Univ. has conducted similar research, though no conclusions have been reached. Ohio St. Univ. is beginning a study this summer.

### Mexico confirms insect outside of San Diego

The Mexican government has confirmed what California officials feared: the Asian citrus psyllid, which vectors citrus greening disease, has been discovered in 3 locations less than 2 miles south of the California border in Tijuana, Mexico. The psyllid is a carrier of the disease that is widespread in Florida and has recently been found in a Louisiana grove. Damage and control costs for the psyllid are estimated at \$138 billion annually, according to Calif. Citrus Research Board. NMPRO ■

## Trees Florida Wrap-Up

From the lovely location at the Hyatt Bonaventure in Weston, to the energetic and engaging faculty, to the exciting Tree Climbing Championship held at nearby T-Y Park... Trees Florida 2008 was a great success. The Florida Chapter ISA extends its gratitude to Mr. Don Goulding as Chair, along with the entire Trees Florida 2008 Planning Committee for a successful and smoothly run conference.

Trees Florida 2009 is already in the planning stage; next year it will be held along the "Culture Coast" at the Ritz Carlton in Sarasota. With a wonderful host hotel, beautiful beaches nearby, and plenty of local activities readily available, it's sure to be a hit with everyone. Make sure to keep the second weekend in June open so you can attend!!

All volunteer help for the conference is much-appreciated. If you feel you can help out, particularly in the local Sarasota area, please let us know! 941-342-0153 or [floridaisa@comcast.net](mailto:floridaisa@comcast.net). ■



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## Odis Sisk Takes First Place in FL Chapter ISA Tree Climbing Championship

The Florida Chapter is proud to announce that Odis Sisk was the winner of the Masters Challenge at the 2008 Florida Tree Climbing Championship held during the annual Florida Chapter ISA Trees Florida conference. Twenty-one climbers competed in this year's event held at Topeekeegee Yugnee (T-Y) Park in Hollywood, Florida.

Sisk is a climbing arborist and partner at Arborscape Tree Care Professionals. He placed first in two divisions: Aerial Rescue and Secured Footlock, and placed second in the Work Climb. He then advanced to the Masters Challenge competition, in which he was declared state champion. He was also the recipient of the Taylor Ingram Memorial Sportsmanship award.



*Odis Sisk*

*photo courtesy of Arborscape Tree Care Professionals*

By winning the Masters Challenge, Sisk earned the right to represent the State of Florida in the International Tree Climbing Championship held in St. Louis this past July where he competed against the best climbers from around the world. Sisk placed 16th in the international field.

A three-time Tree Climbing Champion at the Georgia Arborist Association competition event in the state of Georgia, Sisk also represented the Southern Chapter ISA at the 2006 International Tree Climbing Championship. He is a Certified Arborist, a Certified Tree Worker, and a Certified Utility Specialist. Sisk is an Instructor for North American Training Solutions, which specializes in practical training, educational seminars and certification for arborists. ■

*Information for this article courtesy of Biological Tree Services, an associate company of Arborscape.*

## Trees Florida 2008 Award Winners

The Florida Chapter ISA, the Florida Urban Forestry Council and the Florida Division of Forestry are so very proud to announce the following as awards recipients for the eight annual awards categories. The awards were presented during the 2008 Trees Florida conference at the awards luncheon on Tuesday June 10th. Congratulations to each recipient. And a gracious thank you to the Trees Florida 2008 Awards Committee for their input and guidance in this part of the conference.



*Outstanding Professional*  
**Carol J. Kéiper-Bennett**

*Outstanding Individual*  
**Emily Nell Lagerquist**

*Outstanding Tree Advocacy Group*  
**Tree Watch Committee  
of the Coconut Grove Village Council**

*Outstanding Urban Forestry Program*  
**City of Largo**

*Outstanding Projects*  
**Oakland Park (Tree Preservation)  
NW 27th Avenue Corridor Beautification Project  
(Tree Planting)**

*Outstanding Public Education Program*  
**City of Coral Springs Street Tree Subsidy Program**

*Edward W. Bok Award*  
**C. Way Hoyt**

*2007 Florida Tree City of the Year*  
**Town of Windermere**



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## News from ISA Headquarters

### ISA Headquarters Has Moved!



Due to the growing needs of its members and the arboriculture industry in general, ISA would like to announce that they have moved to a better-equipped facility to meet your growing needs. While the move has changed our address (now at 2101 West Park Court, Champaign, IL 61821), our phone numbers have stayed the same. Please contact us with any questions you may have and we thank you for all your patience and understanding during this exciting and memorable time. You've planted the need, now help us grow!

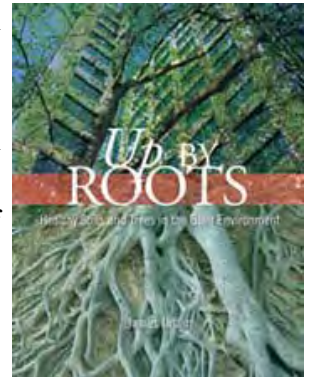
### For Your Library:

#### New Book Release: *Up by Roots*

Up By Roots is a manual for landscape architects, architects, urban foresters, and planners who are designing, specifying, installing, and managing trees in the built environment. The book contains numerous illustrations and data in graphic form to provide guidance in the design of healthy soils and trees.

Member price: \$77.00

Non member price: \$87.00 ■



#### Letters to the Editor

*We welcome your thoughts about Florida Arborist articles, about your Florida Chapter, or about tree issues in general.*

*Email your letters to:  
floridaisa@comcast.net*

*or mail to:  
Florida Chapter - ISA  
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*Please remember:  
Letters should be no longer than 300 words.  
We reserve the right to condense letters, or to edit as necessary.*

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## Consultant's Corner

by Joe Samnik, Consulting Arborist

### Compensable Creature Comforts



As a general rule, the measure of damages to trees and landscape in Florida would be the difference between the value of the land before the harm and the value after the harm. Thus the gold standard is set when valuing plants in Florida.

In this instance, a boundary tree was located directly on plaintiffs James and Angela Elowsky's property line with that of their neighbors, Mr. and Mrs. Dedakis. At the Dedakis' request, defendant Gulf Power Company procured the services of defendant Matthews Tree Surgery Company to remove the subject tree.

At trial it was established that plaintiff Elowsky was a policeman who worked night shifts necessitating that he sleep during daylight hours, that the tree shaded and cooled his bedroom, and that since the removal of the subject tree he has had difficulty in sleeping due to increased heat. It was also established that the removal of the tree reduced the plaintiff's property value.

The legal concern in this issue was not only the decreased value of the property but the loss of ornamental value and creature comforts provided by the tree and loss of enjoyment of their dwelling house located on the premises.

It must not be forgotten that recovery in trespass is always based upon a wrongful invasion of the plaintiff's rights and the rule of damages should be such as to more carefully guard against failure of compensation to the injured party than against possible overcharge upon the wrongdoer.

The owner of property has a right to hold it for his own use as well as to hold it for sale, and if he has elected the former he should be compensated for an injury wrongfully done to him in that respect although that injury might be unappreciable to one holding the same premises for purposes of sale.

This country was based in part upon the Bill of Rights, the first ten amendments to the Constitution. Your attention is directed to Article 5 which states in part, "...nor be deprived of...property without due process of law..." It seems to at least more than a few, the approach to valuation of plants goes beyond formulas and pontifications. Rather, your approach to value ought to first consider the basic legal reviews available to all who look for them. ■

## Pruning Roots Affects Tree Quality in Container-grown Oaks

Edward F. Gilman , C. Harchick and C. Wiese  
Environmental Horticulture Department  
University of Florida  
Gainesville, FL

*The following is data derived from research done by  
Gilman and Wiese on container-grown oaks*

Height and trunk growth of *Quercus virginiana* 'SDLN' Cathedral Oak® tops was not affected by root pruning that occurred each time trees were potted into a large container beginning when rooted cuttings were planted into #3 containers. All trees produced in these air root-pruning Accelerator® containers without mechanical root pruning produced enough circling roots



to make them culls according to Florida and California standards for nursery stock. Removing root defects by pruning roots when trees are potted to the next larger size reduced culls from 100% to 40% of the crop and is recommended for quality tree production. Root pruning when trees were potted from one container size to the next size had no influence on the number of primary structural roots that grew directly from the trunk base. Root pruning had no impact on the number of roots that were deflected down. Waiting to root prune until #3 containers were potted into #15 containers did not increase the number of straight roots compared to non-pruned controls. Slicing the root ball edges vertically from top to bottom in several places appears to reduce circling roots capable of forming stem girdling roots. But slicing in the manner described in this study did little to reduce the descending root defects. ■



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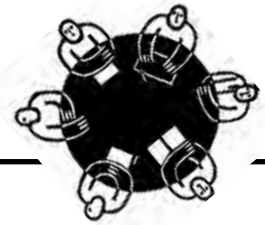
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## Florida Chapter Board Updates



### Volunteer Workday- February 2009

*By Bill Slaymaker, Workday Committee Chair*

Approximately one year ago the Florida Chapter Board of Directors re-established its Workday Committee in attempt to formalize its workday policies and processes. The BOD's goal is to have a clearly defined mission and to develop an activity that will perpetuate and grow into the future. Currently Committee volunteers include BOD members Lee Mackin, Kris Stultz, Don Winsett, Bill Slaymaker as well as Perry Odom and Scotty Olson. We have divided the State into three regions to help with planning and coordination of volunteer activities. Perry has agreed to help coordinate activities in the North region. Lee will help with the Central region and Bill the South region. Our goal is to plan two to three events each year during the month of February.

The Committee has developed a formalized process for its volunteer workday activities which were approved by the BOD at their summer meeting. The goal is to help our membership better plan and participate in what will become an annual volunteer event. The intent of the volunteer workday is to allow membership to give back to a needy non profit recipient by sharing their knowledge, skills and resources to perform needed tree care services. The Chapter will be accepting applications from potential workday recipients through August of each year. The Workday Committee and Florida BOD will then review all applications and make their selections in early Fall. The Workday Committee will then work to define work scope and recruit volunteers for a February event.

Currently the Workday Committee is working with the Girl Scouts of America finalizing workday events for February 2009. The Broward County Chapter has a needy project at their camp facility in Parkland. This is just south of the Palm Beach county line in North Broward County and planning a workday event at the Girl Scout camp on February 7, 2009. Any members interested in getting involved please contact Bill Slaymaker at 954 321-2125 or via email at Bill\_R\_Slaymaker@FPL.com. Your support and help is needed for the event to be a success.

If you have any questions do not hesitate to contact any of the committee members for additional information.

### Special Project Award For Trees Are Cool License Plate

Florida Chapter of the International Society of Arboriculture received the international organization's Special Projects Award for their work on the Trees Are Cool license plate. The award was presented during the annual conference held in St. Louis and was accepted on behalf of the chapter by Don Winsett, project chair and Florida Chapter Board Member. The Special Projects Award is presented to chapters of ISA for projects that best further the mission of the organization: to promote the professional practice of arboriculture and increase greater public awareness of the benefits of trees through research, technology, and education.

### Focus on Arborist Licensure

The Licensure Committee is continuing to evaluate the direction that they will recommend to the Board in order to act in the best interest of arboriculture statewide. We welcome your comments and questions regarding the issue; below is an email that we received in early August, 2008.

*"I wanted to let you know that many of my colleagues including myself strongly support the Florida Chapter ISA Board of Directors continuing the effort to press forward again in 2009 with the voluntary arborist licensure. We believe that this licensure, when passed, will not only enhance our profession but will also greatly increase the sustainability of our urban resources."* R. Mederos

■

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# Welcome!

## New Florida Chapter Members

Here are the individuals that joined the Florida Chapter during the 2nd and 3rd quarters of 2008. If you see a name from your area of the state, look up their phone number online\* and give them a call. Introduce yourself and find out what aspect of arboriculture the new member is involved in. Let's make the Florida Chapter friendlier. We're all working in different ways for the same goals. Get to know other chapter members. You might make some helpful connections for the future.

| First Name | Last Name  | City             | State | First Name  | Last Name  | City            | State |
|------------|------------|------------------|-------|-------------|------------|-----------------|-------|
| Darrell    | Abrahamson | DE LEON SPRINGS  | FL    | Benjamin    | Koubek     | GAINESVILLE     | FL    |
| Jonathan   | Bachmann   | LAKE WORTH       | FL    | Ronald      | LaMear     | CAPE CORAL      | FL    |
| Aaron      | Baglien    | TITUSVILLE       | FL    | Elton       | Lassiter   | WASHINGTON      | DC    |
| Gary       | Barco      | TALLAHASSEE      | FL    | Isaac       | Lnenicka   | PONTE VEDRA     | FL    |
| Michael    | Bauer      | TITUSVILLE       | FL    | Jennifer    | Magavero   | LEESBURG        | FL    |
| Brian      | Blauet     | FORT MYERS       | FL    | Aner        | Marrero    | MIAMI           | FL    |
| Brian      | Borton     | SAINT JOHNS      | FL    | Sarah       | Martin     | PHILADELPHIA    | PA    |
| Susan      | Brown      | ORANGE PARK      | FL    | Raymond     | McKee      | PARKLAND        | FL    |
| Michael    | Burton     | OCALA            | FL    | Earl        | McMinn     | OSPREY          | FL    |
| James      | Butler     | ROCKLEDGE        | FL    | John        | Melton     | WAKULLA STATION | FL    |
| Josh       | Campbell   | SAINT AUGUSTINE  | FL    | Keith       | Miller     | JENSEN BEACH    | FL    |
| Perry      | Causey     | HOLLYWOOD        | FL    | Douglas     | Miller     | WEEKI WACHEE    | FL    |
| Kenneth    | Chew       | DUNNELLON        | FL    | John        | Moscarillo | JACKSONVILLE    | FL    |
| Joseph     | Clemenzi   | WILLISTON        | FL    | Matt        | Munsey     | TALLAHASSEE     | FL    |
| John       | Collins    | BRADENTON        | FL    | Tim         | Newman     | ORLANDO         | FL    |
| William    | Conlon     | CLEARWATER       | FL    | Wayne       | Paggeot    | LAKE WORTH      | FL    |
| Craig      | Conway     | COCONUT CREEK    | FL    | Jarod       | Prentice   | ORANGE PARK     | FL    |
| R.         | Culpepper  | TALLAHASSEE      | FL    | Ron         | Price      | TALLAHASSEE     | FL    |
| Brad       | Daley      | FT LAUDERDALE    | FL    | William     | Proper     | PENSACOLA       | FL    |
| Danielle   | Dangleman  | DELAND           | FL    | Donald      | Rainey     | SARASOTA        | FL    |
| Elizabeth  | DeGrauwe   | FORT MYERS       | FL    | Jay         | Reinfeld   | AVENTURA        | FL    |
| Richard    | Devine     | OCALA            | FL    | Sergio      | Romero     | OCALA           | FL    |
| Kevin      | DeVries    | MINOOKA          | IL    | Brian       | Rosen      | COCONUT CREEK   | FL    |
| Larry      | Dobson     | OCOEE            | FL    | Scott       | Rubenstein | PORT ORANGE     | FL    |
| Anthony    | Duffey     | BRANDON          | FL    | Mark        | Russell    | ORLANDO         | FL    |
| Leigh      | Elgin      | TAMPA            | FL    | Mark        | Scrementi  | RIVER FOREST    | IL    |
| Chistopher | Ellis      | ORANGE CITY      | FL    | Jon         | Shelton    | APOPKA          | FL    |
| Scott      | Fawcett    | NAPLES           | FL    | Amy         | Simington  | KENT            | OH    |
| William    | Fawcett    | NAPLES           | FL    | Ian         | Simpkins   | MIAMI           | FL    |
| Todd       | Flack      | SWEST RANCHES    | FL    | Odis        | Sisk       | SARASOTA        | FL    |
| Elijah     | George     | GAINESVILLE      | FL    | Alex        | Slater     | TAMPA           | FL    |
| Robert     | Gillespie  | MELBOURNE        | FL    | Anthony     | Smith      | MERRITT ISLAND  | FL    |
| Thomasal   | Girouard   | NEW PORT RICHEY  | FL    | Judy        | Songer     | JACKSONVILLE    | FL    |
| Chad       | Good       | BROOKSVILLE      | FL    | Tracy       | Taylor     | JACKSONVILLE    | FL    |
| Charles    | Grover     | OCALA            | FL    | Benjamin    | Thompson   | GAINESVILLE     | FL    |
| Jay        | Hager      | OCALA            | FL    | Donald      | Ullom      | FT MYERS        | FL    |
| Elli       | Hammond    | PALM BCH GARDENS | FL    | Amiel       | Villani    | MYERS BEACH     | FL    |
| Dale       | Hannula    | BONITA SPRINGS   | FL    | James       | Walsh      | FT MYERS        | FL    |
| Joshua     | Hill       | CAPE CORAL       | FL    | Kara        | Warnock    | BROOKSVILLE     | FL    |
| Martha     | Horton     | NOKOMIS          | FL    | David       | Wedding    | CLEARWATER      | FL    |
| Ronald     | Hyatt      | LEESBURG         | FL    | Amie        | Williamson | BAGDAD          | FL    |
| Jason      | Jones      | TALLAHASSEE      | FL    | Jackie      | Wilson     | ORLANDO         | FL    |
| Geoffrey   | Jordan     | WELLINGTON       | FL    | Christopher | Wright     | NAPLES          | FL    |
| Mike       | Kirby      | NAPLES           | FL    | Leslie      | Wright     | PALM HARBOR     | FL    |
| Curtis     | Korabek    | LAND O'LAKES     | FL    |             |            |                 |       |

\*Go to <http://www.isa-arbor.com>, then go to "Members Only" and log in. Then go to ISA membership directory.

If you do not know your log in for members only, contact ISA headquarters at (217) 355-9411. Once you log in, you can update your address, check your CEU's, edit or verify Certified Arborist information and search the membership list.

## 2008 Certification Exam Schedule

The **FLORIDA CHAPTER** of ISA is pleased to announce our revised 2008 schedule of Certification exams and Study Guide review sessions. See the chart below for the site nearest you.

| <b>Date</b>     | <b>Exam/<br/>Class</b>               | <b>Location</b>  | <b>Time</b>                | <b>Proctor or<br/>Instructors</b>     | <b>Last Date<br/>to Register</b> | <b>Cost<br/>Member/<br/>Nonmem</b> |
|-----------------|--------------------------------------|--|----------------------------|---------------------------------------|----------------------------------|------------------------------------|
| Oct. 4<br>2008  | Certified<br>Arborist<br><b>Exam</b> | Duval County Extension<br>1010 N. Mc Duff Avenue<br>Jacksonville, FL 32254   | 7:30 AM<br>to<br>Noon      | Larry Figart<br>Becky Jordi           | See ISA<br>Website               | \$125/<br>\$225                    |
| Nov. 15<br>2008 | Certified<br>Arborist<br><b>Exam</b> | Miami-Dade Extension<br>18710 SW 288 Street<br>Homestead, FL 33030           | 7:30 AM<br>to<br>Noon      | Dr. George Fitzpatrick<br>Henry Mayer | See ISA<br>Website               | \$125/<br>\$225                    |
| Dec. 13<br>2008 | Certified<br>Arborist<br><b>Exam</b> | Pinellas Tech. Edu.Ctr.<br>901 34th Street S.<br>St. Petersburg, FL<br>33711 | 7:30 AM<br>to<br>Noon      | Greg Charles<br>Loren Westenberger    | See ISA<br>Website               | \$125/<br>\$225                    |
| Dec. 13<br>2008 | Certified<br>Arborist<br><b>Exam</b> | Indian River State<br>500 NW California<br>Port St. Lucie FL<br>34986        | 7:30<br>a.m.<br>to<br>Noon | Ann McMullian<br>& Joe Sentance       | See ISA<br>Website               | \$125/<br>\$225                    |

This schedule is subject to change as additional tests and review sessions may be added.

For an application form to register for an Exam call the ISA Office in Champaign, IL at 888-472-8733  
To purchase an ISA Certification Study Guide, call the Florida Chapter ISA at 941-342-0153 or order online.

The ISA Illinois must receive your application & exam fees **TWELVE WORKING DAYS** prior to the exam date.  
NO EXCEPTIONS! (ISA Illinois is closed New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day) **\*\*\*PREPAYMENT IS REQUIRED\*\*\***  
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The following article is provided in English and Spanish

## We Want Your Sick Oaks: Survey for “Invisible” Oak Pathogens in Florida

By: *Ed Barnard, Forest Pathologist, Forest Health Program, Florida Division of Forestry and Jason Smith, Assistant Professor, School of Forest Resources and Conservation, University of Florida*

Surges or spikes of oak decline and mortality are not uncommon in Florida, especially during the state’s hot summer months. This year extension agents and arborists are responding to seemingly increased numbers of calls about sick oak trees in Florida. Autopsies and biopsies through the years have identified numerous common abiotic and biotic influences that are factors related to and/or causing the trees’ decline and death. Old age (in some oak species), site disturbance, mechanical injury, drought, flooding, and root pathogens including *Armillaria*, *Ganoderma*, and *Phytophthora* are among the most common the suspects. Secondary canker fungi including *Biscogniauxia* (formerly *Hypoxylon*) and *Botryosphaeria* are often involved as well ([http://www.fl-dof.com/publications/fh\\_pdfs/2007\\_OakDeath\\_article\\_complete.pdf](http://www.fl-dof.com/publications/fh_pdfs/2007_OakDeath_article_complete.pdf) “Coping With Loss”, Parts I and II, *Ornamental Outlook Magazine*, November and December 2007).

There are, however, disease syndromes and a number of pathogens that could be involved, but that historically have received very little serious attention in Florida. These are vascular diseases caused by “invisible” microorganisms (fungi and bacteria) that operate inside the xylem tissues of susceptible oaks and kill trees by blocking water transport. Among the candidates and the

“hunted” fungal pathogens are *Ceratocystis fagacearum* (the oak wilt pathogen), *Fusarium*, *Verticillium* and *Raffaelea* species. The bacterial leaf scorch pathogen, *Xylella fastidiosa*, is known to occur in Florida oaks but its role in oak decline/mortality here is not well understood. This organism is on the list of the hunted as well.

So, how can you help? We are looking for sick oak trees for a disease survey in Florida. If you observe significant oak mortality, please contact Dr. Jason Smith ([jasons@ufl.edu](mailto:jasons@ufl.edu)) of the University of Florida’s School of Forest Resources and Conservation and Dr. Ed Barnard ([barnare@doacs.state.fl.us](mailto:barnare@doacs.state.fl.us)) of the Florida Division of Forestry. We have teamed up to survey oaks over the next two years to specifically address vascular pathogen unknowns. The project is supported with Forest Health Monitoring grant dollars through the U.S.D.A. Forest Service, Region 8, Cooperative Forest Health Protection office in Atlanta. ■



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## Queremos Sus Robles Enfermos: Estudio Para Encontrar los Patógenos “Invisibles” del Roble en la Florida

*Ed Barnard, Forest Pathologist, Forest Health Program, Florida Division of Forestry and Jason Smith, Assistant Professor, School of Forest Resources and Conservation, University of Florida*

*Traducción: Henry Mayer, Miami Dade IFAS Extension Agent and ISA Hispanic Committee y Francisco Escobedo, School of Forest Resources and Conservation, University of Florida, Gainesville*

Durante los meses calientes del verano se ha apreciado un aumento en el decaimiento y la mortalidad del roble en la Florida. Durante este año los Agentes de Extensión así como los arbolistas han respondido a un número crecientes de llamadas sobre árboles de roble enfermos en la Florida. Las autopsias y las biopsias a través de los años han revelado numerosas causas tanto abióticas como bióticas relacionadas con la declinación y muerte del roble. La edad avanzada (en una especie del roble), la perturbación del sitio, lesiones mecánicas, sequía, inundación, y los patógenos de la raíz como Armillaria, Ganoderma, y Phytophthora son los factores más sospechosos. Los hongos secundarios como Biscogniauxia (antes Hypoxylon) y Botryosphaeria están a menudo también implicados ([http://www.fl-dof.com/publications/fh\\_pdfs/2007\\_OakDeath\\_article\\_complete.pdf](http://www.fl-dof.com/publications/fh_pdfs/2007_OakDeath_article_complete.pdf) “Coping With Loss”, Parts I and II, Ornamental Outlook Magazine, November and December 2007).

Existen varios síndromes de enfermedades y un creciente número de patógeno que podrían estar relacionados pero que históricamente no han recibido atención en Florida. Éstas son enfermedades vasculares causadas por “microorganismos invisibles” (hongos y bacterias) que atacan los tejidos del xilema de los robles susceptibles bloqueando el transporte del agua. Entre los patógenos involucrados están: Ceratocystis fagacearum (causante del marchitamiento del encino), Fusarium, Verticillium y especies de Raffaelea. También la bacteria que causa la quemadura de la hoja,

Xylella fastidiosa, se sabe que ocurre en la Florida pero su papel en la declinación/mortalidad del roble no está bien entendido.

¿Así pues, cómo puede usted ayudar? Estamos buscando árboles de roble enfermos en la Florida para un estudio sobre la enfermedad. Si usted observa una mortalidad significativa del roble en su comunidad, comuníquese con el Dr. Jason Smith ([jasons@ufl.edu](mailto:jasons@ufl.edu)) de la Universidad de la Florida, o con el Dr. Ed Barnard ([barnare@doacs.state.fl.us](mailto:barnare@doacs.state.fl.us)) del Florida Division of Forestry. Durante los próximos dos años estaremos estudiando en conjunto los robles del estado para determinar los patógenos causantes. El proyecto es financiado por el programa de Forest Health Monitoring del Servicio Forestal del USDA, en Atlanta. ■



## Florida Chapter Board Member Receives Local Award

*Recognition Highlights Company's Commitment to Florida's Environment*

Biological Tree Services, LLC (BTS) was honored by the Greater Sarasota County Chamber of Commerce with the 2008 Frank G. Berlin, Sr. “Think Green” Small Business Award on May 28th, at the Hyatt Regency Hotel. Vanessa Baugh, Chair of the Small Business Council, presented the award, which recognizes BTS’ commitment to environmental stewardship and exemplary “green” business practices. Tammy Kovar, founder and owner of BTS, accepted the Chamber’s award at the banquet, before an audience of over 500 attendees.

The four-month selection process for the annual Frank G. Berlin Small Business Awards went through three phases, before the winners were chosen from 24 finalists. BTS was the top winner in the “Think Green” category.

“We are honored to receive this prestigious award,” said Owner, Tammy Kovar. “BTS and its sister company, Sustainable Landscape Supply, have always been dedicated to driving sustainability.” ■

*Read about Tammy's Tour des Trees ride, page 26*

## TREE Fund Corner

### “Save a Tree” Campaign Saves More for TREE Fund

You’ve probably seen the inserts in your own bills: “Go Paperless – Save a Tree.” Banks, phone companies, and others are asking you to sign up for e-billing. Dedicated folks at Arizona Public Service went a step further and offered an incentive. Thanks to the advice of Mike Neal, manager of APS Forestry and Special Programs, former ISA President and TREE Fund trustee, for every customer who agreed to stop getting paper bills in the first three months of the campaign, APS promised to donate a dollar to the TREE Fund. Nearly 17,000 Arizonans stepped up to the plate and APS generously rounded up the numbers to give the TREE Fund \$20,000 to invest in arboricultural research and education. APS says the plan is good for everybody. Customers get convenience. The environment gets the double benefit of the saved paper and dollars invested in arboricultural research and education. And the utility saves, too. “We use 455,000 pounds of paper in just one year for printing and mailing bills to our 1.1 million customers,” said Kelley Ryan, APS Department Leader, Customer Programs. “With almost 17,000 customers canceling their paper bill, each year 80 trees will be saved and 7,258 pounds of solid waste and 45,388 gallons of wastewater will be avoided.” Interested in doing something like this in your own company? Contact TREE Fund Executive Director M. Janet Bornancin, [jbarnancin@treefund.org](mailto:jbarnancin@treefund.org).



### TREE Fund’s John Z. Duling Grant Applications Available

The goal of the John Z. Duling Grant Program is to provide seed money or partial support for research and technology transfer projects that advance arboriculture knowledge & address topics that have the potential of benefiting the everyday work of arborists. Projects are expected to be completed within one to three years. For successful applicants, grant award amounts will vary depending on the adjudged value of the project relative to the needs of the arboricultural industry. Awards are limited to \$7,500, and no project will receive more than one award from this program. Please note that funds cannot be used to pay for overhead expenses or student tuition and fees.

Find applications for the John Z. Duling Grant Program at <http://www.treefund.org/grants/Default.aspx>. Completed applications are due in the TREE Fund office (711 E. Roosevelt Rd., Wheaton, Illinois 60187) by 5 p.m. Central Time November 1. ■

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## Protect Yourself - Heat Stress

When the body is unable to cool itself by sweating, several heat-induced illnesses such as heat stress or heat exhaustion and the more severe heat stroke can occur, and can result in death.

### Factors Leading to Heat Stress

- High temperature and humidity;
- Direct sun or heat;
- Limited air movement;
- Physical exertion;
- Poor physical condition;
- Some medicines; and
- Inadequate tolerance for hot workplaces.

### Symptoms of Heat Exhaustion

- Headaches, dizziness, lightheadedness or fainting;
- Weakness and moist skin;
- Mood changes such as irritability or confusion;
- Upset stomach or vomiting.

### Symptoms of Heat Stroke

- Dry, hot skin with no sweating;
- Mental confusion or losing consciousness;
- Seizures or convulsions.

### Preventing Heat Stress

- Know signs/symptoms of heat-related illnesses; monitor yourself and coworkers;
- Block out direct sun or other heat sources;
- Use cooling fans/air-conditioning; rest regularly;
- Drink lots of water; about 1 cup every 15 minutes;
- Wear lightweight, light colored, loose-fitting clothes;
- Avoid alcohol, caffeinated drinks, or heavy meals.

### What to Do for Heat-Related Illness

- Call 911 (or local emergency number) at once. While waiting for help to arrive:
- Move the worker to a cool, shaded area;
- Loosen or remove heavy clothing;
- Provide cool drinking water;
- Fan and mist the person with water. ■

## Protéjase del - Estrés por calor

Cuando el cuerpo no puede bajar su temperatura mediante el sudor, pueden ocurrir varias enfermedades debido al calor, tales como estrés o agotamiento por calor e insolación o golpe de calor, las cuales pueden resultar en la muerte.

### Factores que llevan al estrés por calor

- Alta temperatura y humedad;
- Calor o sol directo;
- Movimiento limitado de aire;
- Esfuerzo físico;
- Pobre condición física;
- Algunas medicinas y
- Tolerancia inadecuada para lugares de trabajo calurosos.



### Síntomas de agotamiento por calor

- Dolores de cabeza, mareos, vértigo o desmayo;
- Debilidad y piel húmeda;
- Cambios de humor como irritabilidad o confusión;
- Náuseas o vómitos.

### Síntomas de insolación

- Piel seca y caliente sin sudor.
- Confusión mental o pérdida de conocimiento.
- Convulsiones o ataques.

### Evita el estrés por calor

- Conozca las señales y los síntomas de las enfermedades relacionadas al calor; obsérvese a si mismo y a sus colegas.
- Bloquee el sol directo u otras fuentes de calor.
- Utilice ventiladores (abanicos) o aire acondicionado; descanse con regularidad.
- Beba mucha agua, como 1 taza cada 15 minutos.
- Vístase con ropa ligera, de colores claros y no ajustada.
- Evite el alcohol, bebidas con cafeína o comidas pesadas.

### Qué hacer en caso de enfermedades relacionadas al calor

- Llame al 911 (u otro número local para emergencias) inmediatamente. Mientras espera por ayuda:
- Mueva a la persona a un lugar fresco y sombreado.
- Suéltele o quitele la ropa pesada.
- Ofrézcale agua fresca para beber.
- Abanique y rocíe con agua a la persona. ■

## Tour des Trees... My Summer Vacation 2008

by Tammy Kovar, TREE Fund Liaison



Remember when you were in elementary school and the teacher always had you write about your summer vacation on your first day back at school? I do, too! This summer I tried something new... and that is an understatement!!

I was selected by my Board of Director peers of the Florida Chapter ISA to be the liaison for the TREE Fund and I was quickly on my way to finding out about their many events for raising money to support research and education for trees throughout North America.



You may be familiar with the silent auction that they hold during our annual Trees Florida conference. Another annual fundraising event I soon became aware of was the Tour des Trees, a multi-day bicycle ride held every year just prior to the international conference put on by ISA. This year's biking event was a 500 mile long bike ride over five days. It started in Indianapolis at the Motor Speedway and finished at St. Louis, MO, the site of the ISA conference. Since I am an arborist, a biologist, a board member, Treasurer for the ISA and the owner of a tree service company it seemed only appropriate that I should contribute to the TREE Fund's worthy cause and sign up for the ride of a lifetime.

I was required to fundraise for my spot on the team; the minimum donation for any individual to participate in the Tour des Trees was \$3600. This year the TREE Fund's cumulative goal was to collect 400K as there are over one million dollars requested this year for research related to tree research. I created a website where I could accept donations, then I emailed, called and snail mailed information to all of my friends, family, clients and colleagues to solicit financial support. This was a daunting task in light of the present state of our country's economics and I am very thankful to all those who contributed to help me achieve my goal.

Next, I had to locate a road bike. My hybrid bike would be inadequate for this type of sojourn. I turned to the owner of Ryder Bikes in Bradenton for help; Paul Tobias helped outfit me with a brand new road bike and all of the bike gear and repair necessities (thanks, Paul). Training began. Training continued. Training lasted for months. In late July I borrowed a bike transport box from a friend and I was off to Indianapolis for the Tour!

On our first day of the Tour Des Trees I rode over 100 miles (a century ride in biking terminology) with 50 other tree and bike enthusiasts from around North America including teams from Canada, Texas, California and Oregon. I also had three 'turtle' incidents... my new bike cleats did not release from the bike pedals and I fell over or 'turtled'!! By this time my knees, elbows and legs had sustained more injuries than the entire time in training and I just hoped my bum would hold out another day. I just kept thinking 'it is all for the trees'!!



The Tour des Trees participants spent time at a variety of scheduled locations planting trees with local government and volunteer agencies such as The City of Indianapolis, Indiana University and St. Louis Parks and Recreation. We overnighed at universities in their dorms or in small town hotels. The people were very hospitable towards the tired, ragged and worn out, stinky riders. We enjoyed great food and camaraderie every day. Mornings came very early so that we would be able to arrive at the next destination in time for a tree planting event. We donated tree books to all of the libraries of towns along the route. If any rider could not make it the entire day, the SAG van would graciously assist anyone along the route. I became very friendly with each of the SAG van drivers as the trip proceeded and my bum wore thin.

Some of you may know my fellow veteran rider from Florida, Andy Kittsley. Some of the other riders were



on their 12th Tour Des Trees ride. One entire family from Oregon makes this an annual family pilgrimage. Each year the trek is organized around the destination of the ISA conference so that the riders pull in to the park where the tree climbing competition is held. In 2009 the conference will be held in Providence, RI. The ride may very well begin in Central Park, NY. I look forward to the break between now and then so I can heal my sore body. The Tour was an incredible adventure for me to learn my strengths and limitations. This 47 year old body is not working like it used to. If you are an avid cyclist and a tree enthusiast, and enjoy seeing the US, the Tour des Trees may be a great trip for you. I highly recommend it!!

To learn more about the TREE Fund a quick visit to their website at [www.TREEFund.org](http://www.TREEFund.org) will provide you a good start. The Tour Des Trees also has a website with a blog and ride details from this year's tour which can be read at [www.TourdesTrees.org](http://www.TourdesTrees.org)

I hope your summer vacation was an adventure, too! ■



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| <i>Fort Drum Growers</i><br>McAlpin/386-776-2727                                    | <i>The Magnolia Company</i><br>Barberville/800-880-4662      |
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| <i>Graco Fertilizer Company</i> | <i>Sunrise Landscape</i>    |
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## **JOHN P. WHITE MEMORIAL SCHOLARSHIP FUND APPLICATION**

Sponsored by:  
Florida Chapter International Society of Arboriculture  
and  
Florida Urban Forestry Council

John P. White is remembered for his generous giving spirit as both the Florida Chapter ISA's Tree Fund Liaison and a dedicated member of the Florida Urban Forestry Council's Executive Committee as well as for his contributions to the annual Trees Florida Conference. He had a zeal for life and steadfast passion for arboriculture. It is our organizations' desire that the recipient of this scholarship will reflect John's passion and continue to carry the torch on behalf of arboriculture.

The John P. White Memorial Scholarship was established to support education in the arboriculture industry through annual scholarships in the sum of \$500.00 for qualifying students. It is hoped that the John P. White Memorial Scholarship will provide deserving students the opportunity to develop into a new generation of dedicated individuals for the arboriculture industry of tomorrow.

### **Purpose Statement**

The John P. White Memorial Scholarship was created to encourage students to pursue careers in Florida's arboriculture industry or a related field by providing financial assistance for undergraduate, postgraduate or other advanced education programs. The intent is to provide financial assistance for qualified students to gain expertise and experience, earn post high school degrees and become active members and leaders in the arboriculture industry.

### **Eligibility**

Applicants may be an incoming freshman, sophomore, junior, senior, or graduate student planning to or currently attending a community college, college or university. The student must be enrolled full-time in an arboriculture program or related field with the intent to graduate in that field. Awards recipients are eligible to reapply for the scholarship annually.

### **Requirements**

Students must return all of the following to the John P. White Memorial Scholarship Committee by the deadline of June 15th for the fall term and November 15th for the spring term. Recipients will be notified of selection by July 31st for the fall term and January 1st for the spring term.

- 1) Completed scholarship application (see next page).
- 2) Two letters of recommendation from someone on the faculty of your school who will evaluate your abilities as a student, from a professional member of the arboriculture industry or related field or from someone you have worked for.
- 3) Biographical essay (maximum 500 words) that includes the following: work or classroom experience with arboriculture or related field, what area of arboriculture or related field that you are interested in pursuing, what you plan to do after graduation, and why you are qualified to receive the John P. White Memorial Scholarship.

**JOHN P. WHITE MEMORIAL SCHOLARSHIP FUND APPLICATION FORM**

**\*\*All applicants must use this application form. No other format will be accepted.\*\***

Students must return all of the following items listed below to the John P. White Memorial Scholarship Committee by the **required deadline of June 15th for the fall term and November 15th for the spring term.**

Recipients will be notified of selection by July 31st for the fall term and January 1st for the spring term.

§ Completed and signed scholarship application

§ Two letters of recommendation (reference Item #2 under Requirements Section)

§ Biographical Essay (reference Item #3 under Requirements Section)

**STUDENT INFORMATION:**

Name: \_\_\_\_\_

Class status for the upcoming semester (junior, senior, etc.): \_\_\_\_\_

College or educational institution you attend or plan on attending: \_\_\_\_\_

Chosen major: \_\_\_\_\_ Expected date of graduation: \_\_\_\_\_

**CONTACT INFORMATION:**

Please indicate which of the following addresses you wish to be notified of award selections.

**Campus/School Address:** \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

**Home Address (if different than above):** \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

**SCHOLASTIC ACHIEVEMENTS:**

Use extra page if necessary. Please list only the most recent achievements, starting from the most recent.

**Honor or Award:** \_\_\_\_\_ **Basis for Selection:** \_\_\_\_\_

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

**Extracurricular Activities, Clubs, Volunteering, Etc.:** \_\_\_\_\_ **Positions Held and Time Frame/Year:** \_\_\_\_\_

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

**Relevant Course or Work Experience:** \_\_\_\_\_ **Time Frame/Year:** \_\_\_\_\_

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

I certify that all parts of the application and required attachments are correct and true. I understand that if any part of the provided information is found to be false at any time, it may result in disqualification from or revocation of award. I also understand that if I am awarded a scholarship as a result of this application, my name will be published and announced at the discretion of the John P. White Memorial Scholarship Committee which is composed of representatives from the Florida Chapter ISA and the Florida Urban Forestry Council.

Signature \_\_\_\_\_

Date \_\_\_\_\_

Return completed application and attachments to:  
 John P. White Memorial Scholarship Committee  
 c/o Florida Chapter ISA  
 7853 South Leewynn Court  
 Sarasota, FL 34240-9634

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# Arborist Certification Committee Report

*By Norm Easey, Florida Certification Liaison*

Arborist Certification is still moving ahead worldwide; there are now 20,598 ISA Certified Arborists, 687 ISA Certified Tree Workers, 1,155 Utility Specialists, 159 Municipal Specialists and 181 Board Certified Master Arborists.

The Florida Chapter would like to congratulate the following 75 Florida individuals for earning their: Arborist Certification, or Utility Arborist Certification, during the second quarter of 2008:

**Board Certified Master Arborist**

Terrence Whitecar, Orange City, FL

**Municipal Specialist**

Don Spence, Ormond Beach, FL

**Utility Specialist**

Michael Burton, Ocala, FL

Mark Miller, Sarasota, FL

Sergio Romero, Ocala, FL

Daniel Walsh, Davie, FL

Richard Yeager, Jr., Boca Raton, FL

**Certified Arborist**

Robert Ashworth, Naples, FL

Gary Barco, Tallahassee, FL

Rose Marie Bechard-Butman

Raleigh Berry III, Viera, FL

Robert Blades, Myakka City, FL

Michael Bollon, Ft. Lauderdale, FL

Michael Burton, Ocala, FL

Mariellen Calabro, Deland, FL

Orlando Camacho, Orlando, FL

Theodore Cresswell, Ruskin, FL

Dale Croft, Orlando, FL

Jason Cull, Ft. Myers, FL

Jesse Cumberledge, DeBary, FL

Michael Davis, Summerfield, FL

Danielle Dangleman, Deland, FL

Anthony Duffey, Brandon, FL

Eric Engstrom, Kissimmee, FL

Dennis Forgione, Highland Beach, FL

Elaine Gennaro, Oakland Park, FL

Jay Hager, Ocala, FL

Marc Ebling, Bradenton, FL

Tom Hargraves, Lake Wales, FL

Lance Heimes, Indialantic, FL

Lamar Hester, De Leon Springs, FL

Brian Hicks, Ocala, FL

Bryan Horn, Plant City, FL

James Huth, St. Petersburg, FL

Christian Infante, Miami, FL

Doni Jones, Lithonia, GA

Jason Jones, Tallahassee, FL

George Keys, Venice, FL

Fred Lake, Kissimmee, FL

Timothy LaLonde, West Palm Beach, FL

Mark Lerch, Venice, FL

Isaac Lnenicka, Ponte Vedra, FL

Casey Lyon, DeBary, FL

Heather Martin, Archer, FL

John Meade, Riverview, FL

Mark Merritt, Coconut Creek, FL

Patrick Miller, Groveland, FL

Alberto Mitrani, Hollywood, FL

John Moscarillo, Jacksonville, FL

Melinda Napier Moss, Lakeland, FL

Spyrithonas Ninos, Jacksonville, FL

David Parrish, Davie, FL

Richard Peterika, Tampa, FL

Ryan Pieper, Sarasota, FL

Raul Robert, Miami, FL

Brad Rouse, Naples, FL

Mark Russell, Orlando, FL

Lane Schwarzberg, Ft. Myers, FL

Jose Serrano, Miami, FL

Heather Shields, Naples, FL

Patrick Snyder, Delray Beach, FL

Judy Songer, Jacksonville, FL

Raymond Thomas, Lehigh Acres, FL

Robert Thompson, Mt. Pleasant, SC

Perry Tollman, Altamonte Springs, FL

Frank Tromba, Sarasota, FL

Donald Ullom, N. Ft. Myers, FL

Robert Urice, DeBary, FL

Daniel Walsh, Davie, FL

Baynard Ward, Branford, FL

Kara Warnock, Brooksville, FL

Jeremy Wilhelm, Sarasota, FL

Ricky White, Orlando, FL

David Wise, Titusville, FL

James Wright, Tampa, FL

## Florida Chapter ISA - 2008 Education Schedule

| <u>Date</u>        | <u>Seminar/Class</u>                                  | <u>Location (s)</u> |
|--------------------|---|---------------------|
| September 16, 2008 | Pest Management (reschedule - registration is closed) | Ft. Lauderdale      |
| September 25, 2008 | A Tree Risk Assessment Workshop                       | Orlando             |
| September 26, 2008 | A Tree Risk Assessment Workshop                       | Tampa               |
| October 2, 2008    | FL Tree Nursery Grades and Standards                  | Ft. Lauderdale      |
| October 3, 2008    | FL Tree Nursery Grades and Standards                  | Sarasota            |
| October 23, 2008   | Arborist Safety & Climbing                            | Pensacola           |
| October 24, 2008   | Arborist Safety & Climbing                            | Tallahassee         |
| Fall, 2008         | Annual Coast Series                                   | TBA                 |



Florida Arborist  
Florida Chapter, ISA  
7853 South Leewynn Court  
Sarasota, FL 34240

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## International Society of Arboriculture Florida Chapter

Our Mission: “To Promote and Improve the  
Scientifically Based Practice of Professional Arboriculture”



### Arborist Code of Ethics

Strive for continuous self-development by increasing their qualifications and technical proficiency by staying abreast of technological and scientific developments affecting the profession.

Not misuse or omit material facts in promoting technical information, products or services if the effect would be to mislead or misrepresent.

Hold paramount the safety and health of all people, and endeavor to protect property and the environment in the performances of professional responsibilities.

Accurately and fairly represent their capabilities, qualifications and experience and those of their employees and/or agents.

Subscribe to fair and honest business practices in dealing with clients, suppliers, employees and other professionals.

Support the improvement of professional services and products through encouraging research and development.

Observe the standards and promote adherence to the ethics embodied in this code.